



Recombinant Human Fc receptor-like protein 5 (FCRL5), partial (Active)

Product Code	CSB-MP853494HU1
Abbreviation	Recombinant Human FCRL5 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?.
Uniprot No.	Q96RD9
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	<p>①Measured by its binding ability in a functional ELISA. Immobilized Human FCRL5 at 2 µg/mL can bind Anti-FCRL5 recombinant antibody (CSB-RA853494MA1HU). The EC50 is 1.107-1.253 ng/mL.</p> <p>②FCRL5 Recombinant Monoclonal Antibody (CSB-RA853494MA1HU) captured on Protein A Chip can bind Recombinant Human FCRL5 with an affinity constant of 0.436 nM as detected by MetaSPR Assay (WeSPRTM 200).</p>
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	<p>QFARTPRPIIFLQPPWTTVFQGERVTLTCKGFRFYSPQKTKWYHRYLGKEILRE TPDNILEVQESGEYRCQAQGSPLSSPVHLDLFSSASLILQAPLSVFEGDSVVLRC RAKAEVTLNNTIYKNDNVLAFLNKRTDFHIPHACLKDNNGAYRCTGYKESCCPV SSNTVKIQVQEPFTRPVLRASSFQPISGNPVTLTCETQLSLERSDVPLRFRFFR DDQTLGLGWSLSPNFQITAMWSKDSGFYWCKAATMPYSVISDSPRSWIQVQI PASHPVLTLSPEKALNFEGTKVTLHCETQEDSLRTLRYFYHEGVPLRHKSVRC ERGASISFSLTTENSGNYCYCTADNGLGAKPSKAVSLSVTVPVSHPVNLSSPE DLIFEGAKVTLHCEAQRGSLPILYQFHHEGAALERRSANSAGGVAISFSLTAEH SGNYCYCTADNGFGPQRSKAVSLSVTVPVSHPVLTLSAEALTFEGATVTLHCE VQRGSPQILYQFYHEDMPLWSSSTPSVGRVSFSLTEGHSGNYCYCTADNGF GPQRSEVVSFLFVTVPSRPILTLRVPRQAQAVVGDLELHCEAPRGSPPILYWYF HEDVTLGSSSAPSGGEASFNLSTAEHSGNYSCEANGLVAQHSDTISLSVIV PVS RPILTFRAPQAQAVVGDLELHCEALRGSSPILYWYFHEVTLGKISAPSG GGASFNLSTTEHSGIYSCEADNGLEAQRSEMVTLKVAVPVS RPVTLTRAPGT HAAVGDLELHCEALRGSPILYRFFHEDVTLGNRSSPSGGASLNLSLTAEHS GNYSCEADNGLGAQRSETVTLYITGLTANRSGPFATG</p>
Source	Mammalian cell
Target Names	FCRL5
Expression Region	16-851aa



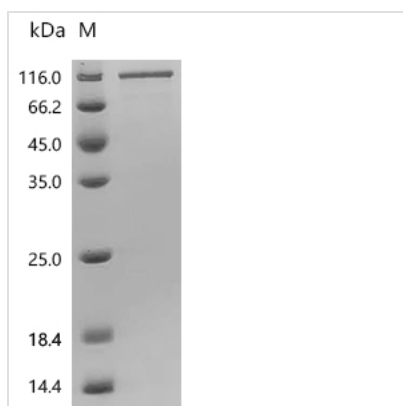
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.

Tag Info C-terminal 10xHis-tagged

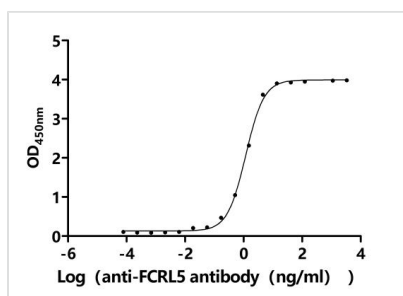
Mol. Weight 92.7 kDa

Protein Length Partial

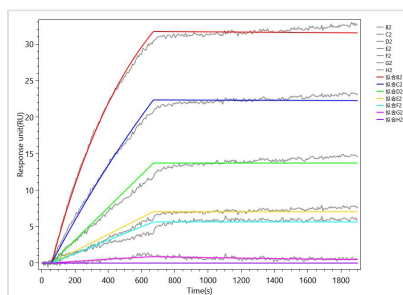
Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity
Measured by its binding ability in a functional ELISA. Immobilized Human FCRL5 at 2 µg/ml can bind Anti-FCRL5 recombinant antibody (CSB-RA853494MA1HU). The EC₅₀ is 1.107-1.253 ng/mL.



Activity
FCRL5 Recombinant Monoclonal Antibody (CSB-RA853494MA1HU) captured on Protein A Chip can bind Recombinant Human FCRL5 with an affinity constant of 0.436 nM as detected by MetaSPR Assay (WeSPRTM 200).

Endotoxin Less than 1.0 EU/ug as determined by LAL method.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.